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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,196	01/21/2004	Kia Silverbrook	RRA08US	1335
24011	7590	07/13/2005	EXAMINER	
SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, 2041 AUSTRALIA			HAUPT, KRISTY A	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 07/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/760,196	Applicant(s) SILVERBROOK, KIA	
	Examiner Kristy A. Haupt	Art Unit 2853	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 June 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4 are rejected under 35 U.S.C. 102 (b) as being anticipated by Silverbrook et al. (6,347,864 B1).

With respect to claim 1, Silverbrook et al. teaches:

- A printer cartridge (reference number 504 in Figure 1)
- For an inkjet printer (Column 1, Lines 15-16)
- A printing fluid storage (Column 3, Line 11, Figure 5, # 548):
- A printhead in fluid communication with the printing fluid storage (Column 1, Lines 53-54 teach a "...fluid supply path, which supplies the fluid to the printhead.")
- An air inlet (reference number 526 in Figure 2)
- One or more conduits arranged to direct air from the air inlet over the printhead (Conduit or pump, # 522, draws air, Column 2, Lines 52-53; Air expelled into air channel, # 518, Column 2, Lines 55-56). The air supply channel supplies air to the printhead to inhibit the build up of foreign particles...Column 2, Lines 47-49)

With respect to claim 2 and incorporating all arguments of claim 1, Silverbrook et al. additionally teaches:

- Wherein the printhead comprises a pagewidth printhead (Column 1, Line 11)

With respect to claim 3 and incorporating all arguments of claims 1 and 2, Silverbrook et al. additionally teaches:

- A printer cartridge wherein the air inlet is configured to mate with a complementary formation of the inkjet printer (In Figure 10, Air inlet opening, # 734, is supplied air from the pin, # 524, that pierces the film, # 748, of the air filter element, # 740, in the replaceable print cartridge, Figure 5 # 504, of the print engine, Figure 5 # 500)

With respect to claim 4 and incorporating all arguments of claims 1, 2, and 3 above, Silverbrook et al. additionally teaches:

- A printer cartridge wherein the air is supplied to the air inlet by said complementary formation of the inkjet printer, which is in communication with an air supply source (In Figure 10, Stepper motor, # 530, drives an air pump, # 522, that draws in air through the air inlet, # 734, through a pin, # 524, that pierces the film, # 748, of the air filter element, # 740, in the replaceable print cartridge, Figure 5 # 504, of the print engine, Figure 5 # 500)

Response to Argument

Applicant's arguments filed 31 May 2005 have been fully considered but they are not persuasive.

The Applicant argues that Silverbrook et al. does not teach a print cartridge that is a replaceable modular unit having a print fluid storage, a printhead, an air inlet and conduits for directing air from the inlet over the printhead. The Examiner disagrees. Silverbrook's print cartridge is removably mountable (Column 2, Line 28), contains ink reservoirs (Figure 5, # 548) and is able to be replaced (Column 1, Line 45), therefore it is a replaceable unit with a print fluid storage. The cartridge draws air through an air filter via an air inlet pint and opening and then expels the air through an outlet opening into the air supply channel, which supplies air to the printhead (Column 3, Lines 9-12).

Conclusion

3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kristy A. Haupt whose telephone number is (571) 272-8545. The examiner can normally be reached on M-F 7:00-3:30.

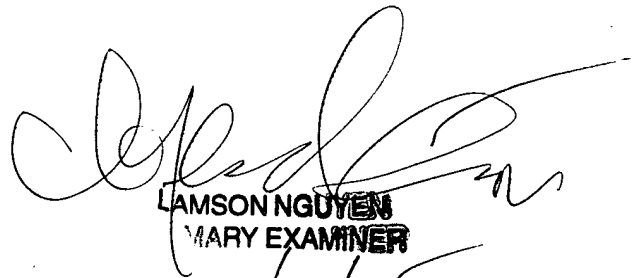
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

7-8-05

KAH

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LAMSON NGUYEN
MARY EXAMINER
07/09/05